

CURRICULUM VITAE

PERSONAL DATA

Name: David R. Gater, Jr.

EDUCATION

08/80 - 05/82 University of Arizona, Tucson, B.S. (General Biology)
08/82 - 05/85 University of Arizona, Tucson, M.S. (Exercise and Sports Sciences)
07/85 - 08/90 University of Arizona, Tucson, Ph.D. (Physiology)
07/85 - 05/92 University of Arizona, Tucson, M.D.

POSTDOCTORAL TRAINING

07/92-06/93 Internship (Internal Medicine), University of Arizona and Affiliated Hospitals, Tucson, Arizona
07/93-06/96 Residency (Physical Medicine and Rehabilitation), UC Davis Medical Center, Sacramento, California

ACADEMIC APPOINTMENTS

08/96 - 12/01 Assistant Professor, Physical Medicine and Rehabilitation, U Kentucky
10/97 - 12/01 Associate Faculty, Kinesiology and Health Promotions, U Kentucky
11/98 - 12/01 Associate Faculty, Nutritional Sciences, U Kentucky
08/00 - 12/01 Assistant Professor, Physiology, U Kentucky
01/01 - 12/01 Associate Faculty, Spinal Cord & Brain Injury Research Center, U Kentucky
01/02 - Present Assistant Professor, Physical Medicine and Rehabilitation, U Michigan
01/02 - Present Associate Faculty, U of Michigan Diabetes Research Training Center
01/02 - Present Associate Faculty, Geriatrics Research & Education Center, AAVAHS

HOSPITAL APPOINTMENTS

08/96 – 12/98 Medical Director, PM&R Consult Service, University of Kentucky
08/96 – 12/01 Staff Physician, U of Kentucky Chandler Medical Center, Lexington, KY
08/96 – 12/01 Staff Physician, Cardinal Hill Rehabilitation Hospital, Lexington, KY
08/96 – 12/01 Staff Physician, Veterans Affairs Medical Center, Lexington, KY
08/96 – 12/01 Staff Physician, Shriners Hospital for Crippled Children, Lexington, KY
08/96 – 12/01 Staff Physician, St. Joseph's Hospital, Lexington, KY
08/96 – 12/01 Staff Physician, Jewish Hospital, Lexington, KY
01/97 – 12/99 Director, Outpatient PM&R Services, Lexington VAMC
01/97 – 12/99 Director, PM&R Electrodiagnostic Studies, Lexington VAMC
01/97 – 12/01 Medical Director, Exercise Physiology Laboratory, Kinesiology and Health Promotions, Seaton Center, University of Kentucky, Lexington, Kentucky
01/98 – 12/01 Director, Spinal Cord Injury Outpatient Clinic, Lexington VAMC
01/02 - Present Staff Physician, Ann Arbor VAHS, Ann Arbor, MI
01/02 - Present Staff Physician, U Michigan Medical Center, Ann Arbor, MI
01/02 - Present Medical Director, Spinal Cord Injury Medicine, U Michigan, Ann Arbor, MI

LICENSURE AND CERTIFICATION

- Medical License #4301079156, State of Michigan, Expires 1/31/06
- Medical License, #G078728, State of California, Expires 8/31/05
- Diplomate, National Board of Medical Examiners, #371482, 1993
- Physical Medicine & Rehabilitation Board Certification #5341, 1997, American Board of Physical Medicine and Rehabilitation, Expires May 2007
- Electrodiagnostic Medicine Board Certification #2388, 1998, American Board of Electrodiagnostic Medicine, Expires April 2008
- Subspecialty, Spinal Cord Injury Medicine Board Certification #122, 1999, American Board of Physical Medicine and Rehabilitation, Expires October 2009

HONORS AND AWARDS

1980	Baird Academic Scholarship, University of Arizona, Tucson, AZ
1982	Phi Kappa Phi, University of Arizona, Tucson, AZ
1986-88	Achievement Rewards for College Scientists Scholarship, University of Arizona College of Medicine, Tucson, AZ (3X)
1992	Zenas B. Noon Award for Excellence in Cardiology, University of Arizona College of Medicine, Tucson, AZ
1992	Honors and Awards Committee Excellence in Research Award, University of Arizona College of Medicine, Tucson, AZ
1997	Selected Participant for Veterans Affairs Medical Center Physical Medicine and Rehabilitation Research Mentoring Workshop, Alta, Utah
1997	Teacher of the Year, Department of Physical Medicine and Rehabilitation, University of Kentucky, Lexington, KY
1998	Teacher of the Year, Department of Physical Medicine and Rehabilitation, University of Kentucky, Lexington, KY
1999	University of Kentucky Physician Scientist Award, Lexington, KY
1999	University of Kentucky Master Educator Award: Teaching, Contribution & Participation, Center for Excellence in Medical Education, Lexington, KY
2000	VAMC Research Career Development Award, Rehabilitation Research & Development Service, Washington, D.C.
2000	Eastern Paralyzed Veterans Association Scholar Award, Washington, D.C.
2000	Abraham Flexner Master Educator Award: Educational Leadership & Administration, Center for Excellence in Medical Education, U of Kentucky
2001	NIH Clinical Associate Physician, K23 Career Development Award
2002	Best Poster by Career Development Awardee, 3 rd National Rehabilitation R&D Meeting, Arlington, VA
2002	Young Academician, Association of Academic Physiatrists
2004	Margaret Weber, Provider of Choice Award, VA VISN 11

SCIENTIFIC ACTIVITIES

1996 - Present	Ad Hoc Reviewer, Research Grant Proposals, American Paraplegia Society
1996 - Present	Reviewer, <i>Arch PM&R</i> , W. B. Saunders Co., Philadelphia, PA
1999 - Present	Reviewer, <i>Advances in Wound Care</i> , Springhouse Corp, Springhouse, PA
1999 - Present	NIH Scientific Reviewer: Special Emphasis Panel ZRG1 SSS 508
1999 - 2001	Reviewer, NIDRR Spinal Cord Injury Model Systems Program Review
2002 - Present	Reviewer, <i>J Rehab R&D</i> , RR&D, DVA, Baltimore, MD

2003 - Present Reviewer, *Food Drug Administration*, Rockville, MD
2003 - Present Reviewer, Assistive Technology, RESNA Press, Arlington, VA
2003 - Present Reviewer, VA RR&D

GRANT SUPPORT

Recent

1. \$1,000 Medical Student Summer Research Fellowship, 1986
2. \$16,000 Ross Laboratories Research Support Grant, 1988-1990
3. \$13,104 National Research Service Award, 1987-1989
4. \$27,429 University of Kentucky Major Research Equipment Award, 1997, Co-PI
5. \$22,780 R.W. Johnson Pharmaceutical Research Institute, 1997-98, Co-PI
6. \$18,620 Kendall Healthcare Products Corporation (#4-60850), 1997-1998, PI
7. \$29,960 American Heart Association Kentucky Affiliate, 1998-2000, PI
8. \$15,113 NIH General Clinical Research Center, Aerobic Exercise Intervention on CAD Risk Profiles in Spinal Cord Injured Adults, 1998, PI
9. \$7,008 NIH General Clinical Research Center, Total Body and Regional Body Composition of Jockeys and Riders, 1998-2000, Co-I
10. \$1,200 NIH General Clinical Research Center, Plasma versus Respiratory Water for the Measurement of Total Body Water, 1998-2000, Co-I
11. \$10,886 American Paraplegia Society Proposal, Shoulder Strengthening for Impingement Prophylaxis in Paraplegia, 1998, PI
12. \$14,945 U of Kentucky Research Fund, #2-07110, Trunk Muscle Stimulation for Seated Posture Control in Spinal Cord Injury, 1998-1999, Co-PI
13. \$50,000 U of Kentucky Major Research Equipment Award, WAFT, 1999, PI
14. \$258,477 Veterans Affairs Medical Center Merit Award, Research and Development, Impact of Occupational Therapy on the Health Status of Elderly Veterans, 1998-2001, Co-PI
15. \$13,152 NIH General Clinical Research Center, Basal Metabolic Rate, Peak Oxygen Consumption and Body Composition of Physically Active versus Sedentary Paraplegics, 1998-2001, PI
16. \$42,224 NIH General Clinical Research Center, An Investigation of the Etiological Factors Associated with Osteoporosis and Primary Osteoarthritis, 1999-2001, Co-I
17. \$150,000 University of Kentucky Physician Scientist Award - Exercise on Glucose Tolerance and Body Composition in Spinal Cord Injury, 1999, PI
18. \$1,193 NIH General Clinical Research Center, Body Composition Measurements in Obese and Nonobese Children, 2000-2002, Co-I
19. \$16,964 NIH General Clinical Research Center, Relationship among Bone Mineral Density, Endocrine Function, and Body Composition Measures in College Female Athletes, 2000-2002, Co-I
20. \$588,488 NIH R01-HD38570-01, Adjustments for Improved Standing with FNS, 2000-2005, Co-I
21. \$100,000 NIH SBIR/STTR, Customized Electrical Stimulation for SCI Rehabilitation, 2001-2002, Co-I, 2.5%.
22. \$91,000 FDA, UK#4-6326, Implanted Neuroprostheses for Standing after SCI, 1999-2002, Co-I
23. \$279,931 Kentucky Spinal Cord and Head Injury Foundation, Recovery of Cardiovascular Control after Spinal Cord Injury, 2001-2003, Co-I
24. \$196,863 NIH General Clinical Research Center, Exercise on Glucose Tolerance and Body Composition in Spinal Cord Injury, 1999, PI

25. \$297,486 Kentucky Spinal Cord and Head Injury Foundation, Exercise on Glucose Tolerance and Body Composition in Spinal Cord Injury, 1999-2001, **PI**.
26. \$474,000 VAMC Career Development Award (VA B2247V), Effects of Dosed Exercise on Glucose Tolerance and Body Composition in Spinal Cord Injury, 2000-2002, **PI**, 75%
27. \$62,336 Pfizer Inc. #A148-1066-1009 A Multicenter, Phase III, Double-blind, Placebo-controlled Flexible Dose Study to Evaluate the Efficacy and Safety of Viagra in Women Who Have Female Dysfunction Resulting From a Traumatic Spinal Cord Injury, 2003, **Co-I**, 1%.
28. \$31,030.63 ACORDA THERAPEUTICS SCI-F302 Double-Blind, Placebo-Controlled, 4-Week Parallel Group Study to Evaluate Safety & Efficacy of Oral Fampridine-SR in Subjects with Moderate to Severe Spasticity Resulting From Chronic, Incomplete Spinal Cord Injury, 05/01/02-09/01/03, **PI**, 1%.
29. \$44,034 ACORDA THERAPEUTICS SCI-F300 Open-Label Extension of Double-Blind, Placebo-Controlled, Parallel Group Study to Evaluate Safety, Tolerability & Activity of Oral Fampridine-SR in Subjects with Chronic, Incomplete Spinal Cord Injury, 05/01/03-06/01/04, **PI**, 1%.
30. \$14,875 University of Michigan Office of the Vice President for Research. Methodologies to Assess Physical Activity Patterns in Spinal Cord Injured Adults. **PI**, 5%

Current

1. \$605,615 Clinical Associate Physician Award, NIH NCRR K23 RR16182-01, Exercise on Glucose Tolerance and Body Composition in Spinal Cord Injury, 2000-2005, **PI**, 75%
2. \$1,600,000 NIDRR H133N00009, University of Michigan Model Spinal Cord Injury Care System, 2000-2005, **Co-PI**, 10%
3. \$74,965 Paralyzed Veterans Association Spinal Cord Research Foundation #2256, The Impact of Acute Exercise on Insulin Sensitivity and Glucose Effectiveness in Adults with Spinal Cord Injury, 1/1/03-12/31/04, **PI**, 5%.
4. \$37,606 National Institutes of Health # M01 RR00042. The Impact of Acute Exercise on Insulin Sensitivity and Glucose Effectiveness in Adults with Spinal Cord Injury. 1/1/03-6/30/04, 2003, **PI**, 5%.
5. \$150,000 Paralyzed Veterans Association Spinal Cord Research Foundation. Recumbent stepping for gait rehabilitation after spinal cord injury. **Co-I**
8. \$637,300 VA B02-2529R Daily Energy Cost in Persons with SCI: Validation of New Physical Activity Compendium. **Co-I (Site PI)** 10%
9. \$741,900 VA B3155R Standing and Transfers after SCI with Implanted Neuroprosthesis. **Co-I (Site PI)** 5%
10. \$449,211 Psychosocial and Physiological Aspects of Menopause in Women with Spinal Cord Injury. **PI**, 10%

Pending

1. \$1,147,500 NIH 1 RO1 HD044702-01 Exercise on Insulin Sensitivity in Spinal Cord Injury. **PI**.
2. \$749,773 VA D3200R Evaluation of Virtual Wound Care Teams. **Co-I**
3. \$684,600 VA B03-2689 BION® Facilitated Exercise on Fitness Parameters in Spinal Cord Injury. **PI**.

4. \$750,000 VA RR&D Lokomat® Facilitated Exercise on Fitness Parameters in Spinal Cord Injury. **PI**

MEMBERSHIP AND OFFICES IN PROFESSIONAL SOCIETIES

Fellow, American Association of Electrodiagnostic Medicine
Fellow, American Academy of Physical Medicine and Rehabilitation
Member, American Spinal Injury Association
Member, Association of Academic Physiatrists
Member, American Paraplegia Society
Member, American Congress of Rehabilitation Medicine
Member, American Medical Association
Kentucky Academy of Physical Medicine & Rehabilitation
▪ President (2000-01)

TEACHING ACTIVITIES

National

- 1998 - 2002 Faculty Member, Research Enrichment Program for Physiatrists, Missouri Arthritis Rehabilitation Research & Training Center: NIDRR, St. Louis, MO
- Project Design Reviewer, Kansas City, MO, October 30, 1998
 - Project Design Reviewer, Washington, D.C., June 17, 1999
 - Project Design Reviewer, St. Louis, MO, August 6, 1999
 - Project Design Reviewer, St. Louis, MO, November 5, 1999
 - Project Design Reviewer, Washington, D.C., June 15, 2000
 - Project Design Reviewer, St. Louis, MO, September 22, 2000
 - Project Design Reviewer, Washington, D.C., June 14, 2001
 - Project Design Reviewer, St. Louis, MO, October 5, 2001
 - Project Design Reviewer, St. Louis, MO, November 16, 2001
 - Project Design Reviewer, Washington, D.C., June 19-20, 2003
- 1999 - 2003 Member, Rehabilitation Research, Education and Training Committee, American Congress of Rehabilitation Medicine
- 2002 Course Director, Exercise Testing in SCI Adults, 79th Annual Meeting of American Congress of Rehabilitation Medicine, Philadelphia, PA, October 3-6, 2002.
- 2003 Course Director, Exercise Screening in Spinal Cord Injury, 29th Annual Meeting of the American Spinal Injury Association, Miami, FL, April 3-6, 2003.
- 2004 Course Director, Obesity in Spinal Cord Injury, 30th Annual Meeting of the American Spinal Injury Association, Denver, CO, May 16, 2003.

Regional

- 1998 Conference Director, Spinal Cord Injury Management, Lexington VAMC Learning Resource Center, Lexington, KY, October 14, 1998.
- 2001 Conference Director, Spinal Cord and Brain Injury Research Symposia: Clinical Advances in Neurorehabilitation Science, University of Kentucky and Cardinal Hill Rehabilitation Hospital, Lexington, KY, September 28-29, 2001.

2004 Conference Director, SCI Clinical Management, VA VISN 11, Ypsilanti, MI, April 27-28, 2004.

Local

Spring, 1997 Guest Lecturer, Exercise Prescription Class (KHP600), Department of Kinesiology and Health Promotions, University of Kentucky, Lexington, KY

Spring, 1998 Guest Lecturer, In-Service CME, Rehabilitation Nursing Services, Veterans Affairs Medical Center, Lexington, KY

Spring, 1998 Preceptor, IMPI Physical Examination Tutorial (MD811), University of Kentucky College of Medicine, Lexington, KY

Spring, 1998 Featured Speaker, Acute and Chronic Management of Spinal Cord Injured Adults, Internal Medicine Grand Rounds, Veterans Affairs Medical Center, Lexington, KY

Spring, 1998 Guest Lecturer, Exercise Testing and Prescription (KHP600), Department of Kinesiology and Health Promotions, University of Kentucky, Lexington, KY

Spring, 1998 Guest Lecturer, Medical and Psychosocial Aspects of Disabilities II Class (RC516), Rehabilitation Counseling, University of Kentucky, Lexington, KY

Fall, 1998 Guest Lecturer, Spinal Cord (PT827), Physical Therapy, College of Allied Health, Lexington, KY

Spring, 1999 Guest Lecturer, Exercise Testing and Prescription (KHP600), Department of Kinesiology and Health Promotions, University of Kentucky, Lexington, KY

Spring, 2000 Guest Lecturer, Exercise Testing and Prescription (KHP600), Department of Kinesiology and Health Promotions, University of Kentucky, Lexington, KY

Fall 2000 Course Director, Independent Study: Exercise on Insulin Sensitivity in Non-Insulin Dependent Diabetes Mellitus (KHP699), University of Kentucky, Lexington, KY

Spring, 2001 Guest Lecturer, Medical and Psychosocial Aspects of Disabilities II Class (RC516), Rehabilitation Counseling, University of Kentucky, Lexington, KY

Spring, 2001 Guest Lecturer, Exercise Testing and Prescription (KHP600), Department of Kinesiology and Health Promotions, University of Kentucky, Lexington, KY

Departmental

1996 - 2001 Director, Senior Board Review Course, PM&R, Lexington, KY

1996 - 2001 Lecturer, Didactic Lecture Series, PM&R, Lexington, KY

1997 - 2001 Lecturer, Practical EMG Course, PM&R, Lexington, KY

1997 - 2001 Coordinator, Departmental Journal Club, PM&R, Lexington, KY

1997 - 2001 Coordinator, Didactic Lecture Series PM&R, Annual Anatomy Course, Lexington, KY

1997 - 2001 Member, Education Committee, Physical Medicine and Rehabilitation, University of Kentucky, Lexington, Kentucky

1997 - 2001 Member, Resident Recruitment Committee, Physical Medicine and Rehabilitation, University of Kentucky, Lexington, Kentucky

Research Mentoring

Faculty

Lisa Diponio, MD, Impact of SCI CME on Physician Knowledge, 2003-Present

William Scelza, MD, Impact of SCI Modular Education on Resident Knowledge, 2003

Post-Doctoral Fellows

Scott Strath, Ph.D., Energy Expenditure in SCI, 2001-2003

Ann Swartz, Ph.D., Glucose Intolerance in SCI, 2001-2003

Catherine Curtin, MD, Upper Extremity Reconstruction in Tetraplegia, 2002-2004

Liza Green, MD, Energy Expenditure in Children with CP, 2004

Resident Physicians

Terry Troutt, M.D., Treatment of Full-Thickness Pressure Ulcers, 1997-1998

J. J. Wilson, D.O., Bladder Management in Tetraplegia, 1997-1998*

Courtney Hogendorn, M.D., Blood Pressure Measurements in SCI Adults, 1997-1999

Chris Siodlarz, D.O., Shoulder Injuries in Paraplegia, 1997-1999**

Carmela Osborne, M.D., Vocational Outcomes of SCI Adults, 1998-2000*

Sara Salles, D.O., Body Composition & FIM Scores in Multiple Sclerosis, 1998-2000**

Gay Richardson, M.D., Aerobic Exercise Intervention in Tetraplegia, 1998-2001

Sean Brown, M.D., Blood Pressure Measurements in SCI Adults, 1999-2000

George Bitting, MD, Vocational Counseling for SCI in Rural Kentucky, 2000-2001

Fernando Branco, MD, PhD, Exercise Responses in SCI Adults, 2000-2001**

*Best Research Project, UK PM&R Annual Research Day

**Best Research Plan, UK PM&R Annual Research Day

Medical Students

Robert Sisk, Exercise In Spinal Cord Injury, Summer Research Fellowship, 2000-2001

Heather Witt, Community Wheelchair Accessibility, 2001

Doctoral Dissertation Committees

James Bellew, Ph.D., Strength Training in Older Men and Women, 1998-2000

Jerry Finley, M.S., Validation of a Portable Metabolic Analyzer, 1998-2001

Mark Cullum, M.S., Resistance Training in the Elderly, 2000-2001

Elizabeth Konz, M.S., Body Composition & Metabolism on High Protein Diet, 2000-2001

Antoinnette Domingo, M.P.T., Supported Treadmill Walking in SCI, 2004-Present

Helen J. Huang, M.S., Motorized Recumbent Stepping in SCI, 2004-Present

Masters Thesis Committees

April Crosby, M.S. Candidate, Albuterol on Delayed Onset Muscle Soreness, 1997-1998Wes

Stacey Whatley, M.S. Candidate, Validity of Bioelectrical Impedance, 1998-1999

Brock Symons, M.S., Deep Heat for Delayed Onset Muscle Soreness, 1998-2000

John Frank, B.S., Gait Analysis in Amyotrophic Lateral Sclerosis, 1998-2001

Carol B. Mize, M.S., Blood Pressure Responses in SCI Adults during Exercise, 1999-2000

Brad Rogers, M.S., Body Density in Spinal Cord Injured Adults, 1999-2000

Shu-Hsien Hsiao, B.S., Creatine on Body Composition & Performance, 1999-2000

Sherri Setser, B.S., Body Composition in Pre-pubescent Children, 2000-2001

Adrianne Janowiak, B.S., Body Composition in College Female Athletes, 2000-2001

Wes Ruth, B.S., Creatine on Body Composition & Performance, 2001

Undergraduate Supervision

Cortney Jones, B.S. Candidate, KHP 577, Practicum in Kinesiology, 1999

Tom Matlock, B.S. Candidate, KHP 577, Practicum in Kinesiology, 1999

Mike Purcell, B.S. Candidate, KHP 577, Practicum in Kinesiology, 1999
Adam Taylor, B.S. Candidate, UK Research Volunteer, 1999
Kelly Barron, B.S. Candidate, KHP 577, Practicum in Kinesiology, 1999
Dana Martin, B.S. Candidate, UK Research Volunteer, 1999
Michelle Wolfe, B.S. Candidate, KHP 577, Practicum in Kinesiology, 1999
Celeste Warren, B.S. Candidate, KHP 577, Practicum in Kinesiology, 2000
Michelle Erway, B.S. Candidate, KHP 577, Practicum in Kinesiology, 2001
Tiffani White, B.S. Candidate, KHP 577, Practicum in Kinesiology, 2001
Jill Kneer, B.S. Candidate, UK Research Volunteer, 2001
Chris Holian, B.S. Candidate, UK Research Volunteer, 2001

EXTRAMURAL INVITED PRESENTATIONS

1. Comparison of Blood Glucose Regulation During Exercise and Recovery in Endurance-Trained Oral Contraceptive Users Versus Non-Users. Poster Presentation at SW-American College of Sports Medicine, Las Vegas, NV, Spring 1989
2. Physical Medicine and Rehabilitation: Exercise for Persons with Disabilities. Department of Exercise and Sport Sciences, Pepperdine University, Malibu, CA, October 1994
3. Exercise Responses in Spinal Cord Injury. Department of Physical Medicine and Rehabilitation, University of Michigan, Ann Arbor, MI, March 1996
4. Strength and Endurance Training for Women. 10th Annual Interdisciplinary Rehabilitation Conference, Department of Physical Medicine and Rehabilitation, University of Kentucky, Lexington, KY, August 1997
5. Strength Training for Impingement Prophylaxis in Paraplegia. C. Siodlarz, D. R. Gater. Kentucky Medical Association Annual Meeting, Louisville, KY, September 17, 1998,
6. Upper and Lower Extremity Blood Pressure Measurements in SCI Adults. C. Hogendorn, D. R. Gater. Kentucky Medical Association Annual Meeting, Louisville, KY, Sept 17, 1998,
7. It's the Least You Can Do: Minimum Exercise Guidelines. Interviewed by Shiela Anne Feeney, New York Times, distributed by Knight Ridder News Service, Fall, 1998.
8. Keynote Speaker, Acute & Chronic Management of Spinal Cord Injury, Spinal Cord Injury Management Conference, Lexington VAMC Learning Resource Center, Lexington, KY, October 14, 1998.
9. Anatomic and Physiological Considerations in Prescribing Exercise for Spinal Cord Injured Adults. Tutorial, American College of Sports Medicine Southeast Chapter, Norfolk, VA, February, 1999.
10. Deconditioning, Conditioning and Therapeutic Exercise. Department of Physical Medicine and Rehabilitation, UC Davis Medical Center, Sacramento, CA, April, 1999
11. Lipid and Glucose Metabolism after Spinal Cord Injury: A Clinical Perspective. Kentucky Spinal Cord and Brain Injury Symposium, Lexington, KY, April, 1999
12. Correlation of Body Composition, Basal Metabolic Rate, Glucose Tolerance to FIM Scores and the Kurtzke EDSS in Patients with Multiple Sclerosis, Salles SS, Gater DR, Clasey JL: Kentucky Medical Association Annual Meeting, Lexington, KY, September 1999.
13. Aerobic Exercise Intervention and Spinal Cord Injury: The Effect of Graded Exercise on Functional ADL's and Community Mobility, Richardson G, Gater DR, Clasey JL. Kentucky Medical Association Annual Meeting, Lexington, KY, September, 1999.
14. Anatomy of a Structured Research Program for PM&R Residents: How to Set Up a Research Program, Rehabilitation Medicine, U of Pennsylvania, Philadelphia, PA, October, 1999
15. A Heart for Research: Future in Cardiac Rehabilitation. Philadelphia Regional Research Seminars in Rehabilitation, College of Physicians of Philadelphia, PA, October, 1999

16. Exercise Prescription for Spinal Cord Injured Adults. American Alliance for Health, Physical Education, Recreation and Dance, Orlando, Florida, March 2000
17. The Effects of Deep Heat as a Preventative Mechanism of Delayed Onset Muscle Soreness. TB Symons, JL Clasey, DR Gater, D Pascoe, JW Yates. American College of Sports Medicine, Indianapolis, IN, June 2000.
18. Posterior Hip and Leg Pain: Weightlifting. American College of Sports Medicine, Indianapolis, IN, June 2000.
19. Exercise and Health Parameters in Spinal Cord Injury. Sixth Annual Kentucky Spinal Cord and Head Injury Research Symposium, Lexington, KY, June 2000.
20. Correlation of Body Composition, Basal Metabolic Rate, Glucose Tolerance to FIM Scores and the Kurtzke EDSS in Patients with Multiple Sclerosis, Salles SS, Gater DR, Clasey JL. NIDRR Research Enrichment Program for Physiatrists, Washington, D.C., June 2000.
21. Glucose Metabolism in Spinal Cord Injury, Endocrine Research Unit, Department of Endocrinology, Mayo Clinic, Rochester, MN, August, 2000.
22. Exercise Research in Spinal Cord Injury. Paralyzed Veterans Administration, Indiana-Kentucky Chapter, Louisville, KY, September, 2000.
23. Anatomy of a Research Proposal. National Institute on Disabilities and Rehabilitation Research, Research Enrichment Program for Physiatrists, St. Louis, MO, September, 2000.
24. Functional Independence with Bladder Management in Tetraplegia: A Retrospective Study. Wilson JJ, Gater DR. 77th Annual Meeting of the American Congress of Rehabilitation Medicine, Hilton Head, SC, October, 2000.
25. Discussant: Spinal Cord Injury Poster Grand Rounds, 77th Annual Meeting of the American Congress of Rehabilitation Medicine, Hilton Head, SC, October, 2000.
26. Vocational Outcomes in Rural Settings after SCI: A Pilot Study, 77th Annual Meeting of the American Congress of Rehabilitation Medicine, Hilton Head, SC, October, 2000.
27. Exercise Physiology in Spinal Cord Injured Adults. 62nd Annual Assembly of the American Academy of Physical Medicine and Rehabilitation, San Francisco, CA, November, 2000.
28. The ABCs of Rehabilitation Research Funding: Acquiring a Taste for Alphabet Soup, 13th Annual University of Kentucky PM&R Research Day, Lexington, KY, June 2001.
29. Glucose Intolerance and Insulin Resistance in Spinal Cord Injury. University of Michigan, PM&R Grand Rounds, Ann Arbor, MI, July 2001.
30. Exercise Screening in Spinal Cord Injured Adults. Clinical Advances in Neurorehabilitation Research Symposium, Lexington, KY, September 2001.
31. Writing a Research Proposal. National Institute on Disabilities and Rehabilitation Research, Research Enrichment Program for Physiatrists, St. Louis, MO, October, 2001.
32. Research Funding in Rehabilitation. National Institute on Disabilities and Rehabilitation Research, Research Enrichment Program for Physiatrists, St. Louis, MO, November, 2001.
33. High Tech Medical Advances in Spinal Cord Injury Medicine. Let's Talk Wellness with SCI Regional Conference. University of Michigan Model SCI Care System Annual Conference. Ann Arbor, MI, September 28, 2002.
34. Advances in Spinal Cord Injury Management: Keynote Speaker. Michigan Paralyzed Veterans of America. Romulus, MI, October 12, 2002.
35. Exercise Screening in Spinal Cord Injured Adults. 79th Annual American Meeting of the American Congress of Rehabilitation Medicine, Philadelphia, PA, October, 2002.
36. Body Composition Assessment in Spinal Cord Injured Adults. 79th Annual Meeting of the American Congress of Rehabilitation, Philadelphia, PA, October, 2002.
37. Exercise Screening in SCI: Why is it Necessary? 29th Annual Meeting of the American Spinal Injury Association, Miami, FL, April 4, 2003.

38. Environmental Impact on Wheeled Mobility. Wheeled Mobility and Accessible Transportation Summit. Interagency Committee on Disability Research. Washington, D.C., July 22, 2003.
39. The Gift of Health. A Conference for Women with Spinal Cord Injury: Sharing Your Gifts. Novi, MI, September 20, 2003.
40. Energy Metabolism in Spinal Cord Injury. 80th Annual Meeting of the American Congress of Rehabilitation, Tucson, AZ, October, 2003.
41. Body Composition in Spinal Cord Injury. 80th Annual Meeting of the American Congress of Rehabilitation, Tucson, AZ, October, 2003.
42. Aerobic Exercise Improves Work Capacity and Functional Mobility in Spinal Cord Injury. 80th Annual Meeting of the American Congress of Rehabilitation, Tucson, AZ, October, 2003.
43. Exercise Responses to Functional Electrical Stimulation in Spinal Cord Injury. Cleveland FES Center, MetroHealth Medical Center, Cleveland, OH, March 2004.
44. VA SCI&D Hub-and-Spokes Network. VA VISN 11 SCI Clinical Management Educational Conference, Ypsilanti, MI, April 27, 2004.
45. Pathophysiology of SCI. VA VISN 11 SCI Clinical Management Educational Conference, Ypsilanti, MI, April 27, 2004.
46. Cardiopulmonary Dysfunction in SCI. VA VISN 11 SCI Clinical Management Educational Conference, Ypsilanti, MI, April 27, 2004.
47. Annual Evaluations for Persons with SCI. VA VISN 11 SCI Clinical Management Educational Conference, Ypsilanti, MI, April 27, 2004.
48. Long-Term Mechanical Ventilation on Health in SCI, 30th Annual Meeting of the American Spinal Injury Association, Denver, CO, May 14, 2004.
49. Energy Expenditure in SCI, 30th Annual Meeting of the American Spinal Injury Association, Denver, CO, May 14, 2004.
50. Medical Implications from the SCI Model Care Systems, 81st Annual Meeting of the American Congress of Rehabilitation, Jacksonville, FL, September, 2004.

Poster Presentations

1. Glucose Tolerance and Body Composition in Spinal Cord Injury. Gater DR, Yates JW, Clasey JL. 2nd National Rehabilitation Research & Development Conference, Arlington, VA. February, 2000.
2. Body Density Determination by Hydrostatic Weighing and Air Displacement Plethysmography in Spinal Cord Injured Adults. Rogers BA, Gater DR, Mize CB, Clasey JL. American College of Sports Medicine, Indianapolis, IN, June 2000.
3. Respiratory Water Versus Plasma Samples for the Measurement of Total Body Water in Healthy Adults. Mize CB, Gater DR, Clasey JL. American College of Sports Medicine, Indianapolis, IN, June 2000.
4. Error in Assessing Body Composition in Spinal Cord Injured Individuals Using Traditional Methodologies. Clasey JL, Mize CB, Purcell JW, Yates JW, Gater DR. American College of Sports Medicine, Indianapolis, IN, June 2000.
5. Relationship Between Glucose Intolerance and Body Composition in Spinal Cord Injury. Gater DR, Yates JW, Clasey JL. American College of Sports Medicine, Indianapolis, IN, June 2000.
6. Basal Metabolic Rate, Body Composition and Functional Measures for Adults with Multiple Sclerosis Versus Healthy Adults. Salles SS, Clasey JL, Gater DR. 62nd Annual Assembly of

- the American Academy of Physical Medicine and Rehabilitation, San Francisco, CA, November 3, 2000.
7. The Effect of Aerobic Exercise on Endurance and Community Mobility in Spinal Cord Injured Adults. Richardson GA, Clasey JL, Yates JW, Gater DR. 62nd Annual Assembly of the American Academy of Physical Medicine and Rehabilitation, San Francisco, CA, November 4, 2000.
 8. Body Composition and Glucose Intolerance in Spinal Cord Injury. Gater DR, Yates JW, Clasey JL. General Clinical Research Centers Annual Meeting, Arlington, VA, March 2001.
 9. Body Composition Impacts Glucose Tolerance in Spinal Cord Injury. Gater DR & Clasey JL. Best Poster by a Career Development Awardee. VA Rehabilitation Research & Development 3rd National Meeting, Arlington, VA, February 2002.
 10. The Effects of Three Months of High Intensity Strength Training on Leg Strength and Rate of Force Development in Older Adults. Bellew JW, Yates JW, Gater DR: Combined Sections Meeting of the American Physical Therapy Association. February 23, 2002. Boston, MA.
 11. The Effects of Strength Training on Leg Strength and Postural Sway in Untrained Older Men and Women. Bellew JW, Yates JW, Gater DR: Physical Therapy 2002: The Annual Conference and Exposition. June 6, 2002. Cincinnati, OH.
 12. Body Density Determinations by Hydrostatic Weighing and Air Displacement Plethysmography in Spinal Cord Injured Adults. Clasey JL, Janowiak AL, Gater DR: 6th International Symposium In Vivo Body Composition Studies, Rome, Italy, 2002.
 13. The State of Upper Extremity Reconstruction in People with Tetraplegia in the United States. Curtin CM, Gater DR, Chung KC. 15th Annual Moses Gunn Research Conference, U Michigan, Ann Arbor, MI April, 2003.
 14. Body Composition on Glucose Tolerance in Spinal Cord Injury. Gater DR & Clasey JL. U Michigan General Clinical Research Symposium, Michigan League, Ann Arbor, MI April 12, 2003.

Local Presentations

1. The Health Benefits of Exercise for Women. Achievement Rewards for College Scientists Luncheon, Phoenix, AZ, May 1987
2. The Physiological Foundation of Strength Training. University of Arizona, Tucson, AZ, Spring 1988.
3. The Role of Diet and Nutritional Supplements in Strength Training. National Strength and Conditioning Association: Arizona Strength Symposium, Scottsdale Community College, Scottsdale, AZ, Spring 1989.
4. Coronary Artery Disease (CAD) Risk Factors and Exercise Metabolism in Endurance-Trained Eumenorrheics and Oral Contraceptive Users. Poster Presentation at Arizona Exercise Science Symposium, Tempe, AZ, Spring, 1989.
5. Nutrition Supplementation on Glucose Tolerance Parameters with Resistance Training. AZ Exercise Science Symposium, Arizona State University, Tempe, AZ, Spring, 1990.
6. The Effects of Amino Acid Supplementation and Resistance Training on Oral Glucose Tolerance and Glomerular Filtration Rate. University of Arizona College of Medicine, Department of Physiology, Tucson AZ, December 1990.
7. ECG Interpretation During Graded Exercise Testing. Canyon Ranch Fitness Resort, Department of Exercise Physiology, Tucson, AZ, September 1991.
8. Upper Versus Lower Motor Neuron Anatomy and Physiology. UC Davis Medical Center, Department of Physical Medicine and Rehabilitation, Sacramento CA, August 1993.

9. The Autonomic Nervous System. UC Davis Medical Center, Department of Physical Medicine and Rehabilitation, Sacramento, CA, September 1993.
10. Exercise Prescription for Special Populations. UC Davis Medical Center, Department of Physical Medicine and Rehabilitation, Sacramento CA, March 1994.
11. Exercise Physiology. UC Davis Medical Center, Department of Physical Medicine and Rehabilitation, Sacramento CA, March 1994.
12. The Physiology of Exercise. UC Davis Medical Center, PM&R Lecture Series for Medical Students, Sacramento CA, Summer and Fall 1994.
13. The Musculoskeletal Examination of the Shoulder and Knee. UC Davis Medical Center, PM&R Lecture Series for Medical Students, Sacramento, CA, Spring 1995.
14. Spinal Cord Injury: Epidemiology, Prognosis for Recovery and Medical Complications. UC Davis Medical Center, PM&R Lecture Series for Medical Students, Sacramento, CA, 1995.
15. Introduction to EKGs. University of Kentucky, Department of Kinesiology and Health Promotions, Lexington, KY, January 1997.
16. EKG: Ischemia and Infarct. University of Kentucky, Department of Kinesiology and Health Promotions, Lexington, KY, February 1997.
17. EKG: Arrhythmias and Hypertrophy. University of Kentucky, Department of Kinesiology and Health Promotions, Lexington, KY, February 1997.
18. Exercise Prescription in CAD, COPD Patients. University of Kentucky, Department of Kinesiology and Health Promotions, Lexington, KY, April 1997.
19. Exercise Prescription for Diabetes Mellitus, Rheumatoid Arthritis and Peripheral Vascular Disease. U of Kentucky, Kinesiology and Health Promotions, Lexington, KY, April 1997.
20. Introduction to EKGs. University of Kentucky, Department of Kinesiology and Health Promotions, Lexington, KY, February 1998.
21. EKG: Ischemia and Infarct. University of Kentucky, Department of Kinesiology and Health Promotions, Lexington, KY, February 1998.
22. EKG: Arrhythmias and Hypertrophy. University of Kentucky, Department of Kinesiology and Health Promotions, Lexington, KY, February 1998.
23. Comprehensive Pulmonary Rehabilitation. Rehabilitation Counseling, Lexington, KY, March, 1998.
24. Exercise Prescription in Cardiac Rehabilitation. University of Kentucky, Department of Kinesiology and Health Promotions, Lexington, KY, March, 1998.
25. Exercise Prescription for Special Populations. University of Kentucky, Department of Kinesiology and Health Promotions, Lexington, KY, April 1998.
26. Exercise Prescription for Women. University of Kentucky, Department of Kinesiology and Health Promotions, Lexington, KY, April 1998.
27. Comprehensive Cardiac Rehabilitation. Rehab Counseling, Lexington, KY, April, 1998.
28. Spinal Cord Injury: Acute and Chronic Management Issues. Medicine Grand Rounds, Veterans Affairs Medical Center, Lexington, KY, April, 1998.
29. Management of the Neurogenic Bladder in Spinal Cord Injury. Nursing In-Service, Veterans Affairs Medical Center, Lexington, KY, April, 1998.
30. Management of the Neurogenic Bowel in Spinal Cord Injury. Nursing In-Service, Veterans Affairs Medical Center, Lexington, KY, May, 1998.
31. Cardiac Rehabilitation, P.T./O.T./Nursing In-Service, Veterans Affairs Medical Center, Lexington, KY, September 17, 1998.
32. Acute and Chronic Management of Spinal Cord Injury. Learning Resource Center, Continuing Education Program, Veterans Affairs Medical Center, Lexington, KY, October 14, 1998.
33. Anatomic Correlations in Spinal Cord Injury. Physical Therapy, U of Kentucky, Lexington, KY, October 20, 1998.

34. Introduction to EKGs. University of Kentucky, Department of Kinesiology and Health Promotions, Lexington, KY, February 1999.
35. EKG: Ischemia and Infarct. University of Kentucky, Department of Kinesiology and Health Promotions, Lexington, KY, February 1999.
36. EKG: Arrhythmias and Hypertrophy. University of Kentucky, Department of Kinesiology and Health Promotions, Lexington, KY, February 1999.
37. Exercise Prescription for Women. University of Kentucky, Department of Kinesiology and Health Promotions, Lexington, KY, April 1999.
38. Exercise Prescription for Special Populations. University of Kentucky, Department of Kinesiology and Health Promotions, Lexington, KY, April 1999.
39. Exercise Prescription in Cardiac & Pulmonary Rehabilitation. University of Kentucky, Department of Kinesiology and Health Promotions, Lexington, KY, April, 1999.
40. Exercise on Glucose Tolerance and Body Composition in Spinal Cord Injury. University of Kentucky Chandler Medical Center, May, 1999.
41. Glucose Intolerance in Spinal Cord Injured Adults. University of Kentucky, Nutritional Sciences Seminar Series, September, 1999.
42. Introduction to EKGs. University of Kentucky, Department of Kinesiology and Health Promotions, Lexington, KY, February 2000.
43. EKG: Ischemia and Infarct. University of Kentucky, Department of Kinesiology and Health Promotions, Lexington, KY, February 2000.
44. EKG: Arrhythmias and Hypertrophy. University of Kentucky, Department of Kinesiology and Health Promotions, Lexington, KY, February 2000.
45. Exercise Prescription for Women: Special Cases. University of Kentucky, Department of Kinesiology and Health Promotions, Lexington, KY, April 2000.
46. Exercise Prescription for Cardiac and Pulmonary Rehabilitation. University of Kentucky, Department of Kinesiology and Health Promotions, Lexington, KY, April 2000.
47. Exercise Prescription in Chronic Disease. University of Kentucky, Department of Kinesiology and Health Promotions, Lexington, KY, April 2000.
48. Glucose Metabolism in Spinal Cord Injury, Endocrine Research Unit, Department of Endocrinology, Mayo Clinic, Rochester, MN, August, 2000.
49. Physiological Consequences of Spinal Cord Injury. University of Kentucky, Department of Physiology, Lexington, KY, August 2000.
50. Introduction to EKGs. University of Kentucky, Department of Kinesiology and Health Promotions, Lexington, KY, February 2001.
51. EKG: Ischemia and Infarct. University of Kentucky, Department of Kinesiology and Health Promotions, Lexington, KY, February 2001.
52. EKG: Arrhythmias and Hypertrophy. University of Kentucky, Department of Kinesiology and Health Promotions, Lexington, KY, February 2001.
53. Comprehensive Rehabilitation in Spinal Cord Injury. Rehabilitation Counseling 516, Lexington, KY, March, 2001.
54. Exercise Prescription for Cardiac and Pulmonary Rehabilitation. University of Kentucky, Department of Kinesiology and Health Promotions, Lexington, KY, April 2001.
55. Exercise Prescription in Diabetes, Rheumatoid Arthritis, and Peripheral Vascular Disease. University of Kentucky, Department of Kinesiology and Health Promotions, Lexington, KY, April 2001.
56. Rehabilitation in Spinal Cord Injury: An Overview. Clinical Correlations Course, 2nd year Medical Students, U Michigan College of Medicine, Ann Arbor, MI, February 8, 2002.
57. Glucose Intolerance and insulin Resistance in Spinal Cord Injury. The University of Michigan Model Spinal Cord Injury Care System Lecture Series, U Michigan, Ann Arbor, MI, February 2002.

58. Exercise on Glucose Tolerance and Insulin Sensitivity in Spinal Cord Injury. Center for Exercise Research Seminar Series, Kinesiology, U Michigan, Ann Arbor, MI, March 2002.
59. Exercise and Glucose Intolerance in Spinal Cord Injury. Advanced Rehabilitation Research Training Program Seminar Series, U Michigan Dept. PM&R, Ann Arbor, MI, March 2002.
60. Insulin Sensitivity in Spinal Cord Injury. Geriatrics Research Group, U Michigan, Ann Arbor, MI, March 2002.
61. Exercise Prescription in Spinal Cord Injury. Michigan Rehabilitation Nurses Annual Conference, Advances in Rehabilitation Nursing: Strategies for Today and Tomorrow. Ann Arbor, MI, May 16, 2002.
62. Spinal Cord Injuries. Rehabilitation Methods PMR 510, U Michigan, Ann Arbor, MI, June 10, 2002.
63. Rehabilitation in Spinal Cord Injury: An Overview. Clinical Correlations Course, 2nd year Medical Students, U Michigan College of Medicine, Ann Arbor, MI, February 7, 2003.
64. Spinal Cord Injury Basics. U Michigan UC106 Health Sciences Scholars Program. U Michigan College of Medicine, Ann Arbor, MI, March 17, 2003.
65. Spinal Cord Injuries and the Professionals Who Treat Them. Health Sciences and Technology Course, Huron High School, Ann Arbor, MI, April 28, 2003.
66. Exercise Screening in Spinal Cord Injury: Why is it Necessary? James Rae Scientific Day, U Michigan PM&R, Sheraton Hotel, Ann Arbor, MI, May 2, 2003.
67. Research Funding in PM&R. Advanced Rehabilitation Research Training Program Seminar Series, U Michigan Dept. PM&R, Ann Arbor, MI, August 22, 2003.
68. Spinal Cord Anatomy, Function and Injury. University of Michigan "Disabilities Issues: Focus on Spinal Cord Injury" Course #N214, Ann Arbor, MI, September 15, 2003.
69. Exercise in Disability. Rehabilitation Methods PMR 510, U Michigan, Ann Arbor, MI, October 6, 2003.
70. Practical Aspects of Spinal Cord Injury: Panel Discussion. University of Michigan "Disabilities Issues: Focus on Spinal Cord Injury" Course #N214, Ann Arbor, MI, October 6, 2003.
71. Current Topics in SCI Research. University of Michigan "Disabilities Issues: Focus on Spinal Cord Injury" Course #N214, Ann Arbor, MI, November 22, 2003.
72. Insulin Resistance in Spinal Cord Injury. Ann Arbor VAHS HSR&D Working Seminar, Ann Arbor, MI, December 9, 2003.
73. Research in Spinal Cord Injury: A VA Perspective. Ann Arbor VAHS PM&R Staff Meeting, Ann Arbor, MI, January 8, 2004.
74. Obesity in Spinal Cord Injury. University of Michigan Model Spinal Cord Injury Care System Lecture Series. June 23, 2004.
75. Translational Research in Spinal Cord Injury. University of Michigan Model Spinal Cord Injury Care System Lecture Series. July 28, 2004.
76. Spinal Cord Anatomy, Function and Injury. University of Michigan "Disabilities Issues: Focus on Spinal Cord Injury" Course #N214, Ann Arbor, MI, September 22, 2004.
77. Obesity in Spinal Cord Injury. University of Michigan General Clinical Research Center Lecture Series. September 21, 2004.

Departmental Presentations

1. Clinical Evaluation and Treatment of Common Shoulder Disorders. University of Kentucky, Department of Physical Medicine and Rehabilitation, Lexington, KY, August 1996
2. Therapeutic Exercise/Exercise Physiology. University of Kentucky, Department of Physical Medicine and Rehabilitation, Lexington, KY, September 1996

3. Clinical Correlates of Shoulder Anatomy. University of Kentucky, Department of Physical Medicine and Rehabilitation, Lexington, KY, October 1996
4. Senior Board Review Course. University of Kentucky, Department of Physical Medicine and Rehabilitation, Lexington, KY, November 1996 through May 1997
5. NMJ: Physical and Repetitive Stimulation. University of Kentucky, Department of Physical Medicine and Rehabilitation, Resident EMG Class, Lexington, KY, March 1997
6. Myasthenia Gravis. University of Kentucky, Department of Physical Medicine and Rehabilitation, Lexington, KY, March 1997
7. Neuromuscular Junction Pathology. University of Kentucky, Department of Physical Medicine and Rehabilitation, Lexington, KY, March 1997
8. Polymyositis. University of Kentucky, Department of Physical Medicine and Rehabilitation, Lexington, KY, March 1997
9. Myopathies. University of Kentucky, Department of Physical Medicine and Rehabilitation, Resident EMG Class, Lexington, KY, March 1997
10. Amyotrophic Lateral Sclerosis. University of Kentucky, Department of Physical Medicine and Rehabilitation, Lexington, KY, March 1997
11. Motor Neuron Disease. University of Kentucky, Department of Physical Medicine and Rehabilitation, Lexington, KY, March 1997
12. Cardiac Rehabilitation. University of Kentucky, Department of Physical Medicine and Rehabilitation, Lexington, KY, July 1997
13. Functional Neuromuscular Stimulation. University of Kentucky, Department of Physical Medicine and Rehabilitation, Lexington, KY, August 1997
14. Pulmonary Rehabilitation. University of Kentucky, Department of Physical Medicine and Rehabilitation, Lexington, KY, August 1997
15. Senior Board Review Course. University of Kentucky, Department of Physical Medicine and Rehabilitation, Lexington, KY, October 1997 thru April 1998
16. Upper Extremity Injections. University of Kentucky, Department of Physical Medicine and Rehabilitation, Lexington, KY, October, 1997
17. Repetitive Stimulation Techniques. University of Kentucky, Department of Physical Medicine and Rehabilitation, Resident EMG Class, Lexington, KY, March, 1998
18. Research Principles in Rehabilitation Medicine, Department of Physical Medicine and Rehabilitation, Lexington, KY, July 10, 1998
19. Deconditioning, Conditioning and Therapeutic Exercise. Department of Physical Medicine and Rehabilitation, Lexington, KY, August 21, 1998
20. Clinical Evaluation and Treatment of Common Shoulder Disorders. Department of Physical Medicine and Rehabilitation, Lexington, KY, October 6, 1998
21. Lower Limb Nerve Conduction Studies. University of Kentucky, Department of Physical Medicine and Rehabilitation, Resident EMG Class, Lexington, KY, October, 1998
22. Introduction to Needle EMG. University of Kentucky, Department of Physical Medicine and Rehabilitation, Resident EMG Class, Lexington, KY, November, 1998
23. Upper and Lower Extremity Screening EMG. University of Kentucky, Department of Physical Medicine and Rehabilitation, Resident EMG Class, Lexington, KY, December, 1998
24. Ulnar Nerve Studies. University of Kentucky, Department of Physical Medicine and Rehabilitation, Resident EMG Class, Lexington, KY, February 1999
25. Myasthenia Gravis. University of Kentucky, Department of Physical Medicine and Rehabilitation, Lexington, KY, March 1999
26. Neuromuscular Junction Pathology. University of Kentucky, Department of Physical Medicine and Rehabilitation, Lexington, KY, March 1999

27. NMJ: Physical and Repetitive Stimulation. University of Kentucky, Department of Physical Medicine and Rehabilitation, Resident EMG Class, Lexington, KY, March 1999
28. Polymyositis. University of Kentucky, Department of Physical Medicine and Rehabilitation, Lexington, KY, March 1999
29. Myopathies. University of Kentucky, Department of Physical Medicine and Rehabilitation, Resident EMG Class, Lexington, KY, March 1999
30. Amyotrophic Lateral Sclerosis. University of Kentucky, Department of Physical Medicine and Rehabilitation, Lexington, KY, March 1999
31. Motor Neuron Diseases. University of Kentucky, Department of Physical Medicine and Rehabilitation, Lexington, KY, March 1999
32. Repetitive Nerve Stimulation. University of Kentucky, Department of Physical Medicine and Rehabilitation, Resident EMG Class Lexington, KY, March 1999
33. Facial Nerve Studies. University of Kentucky, Department of Physical Medicine and Rehabilitation, Resident EMG Class Lexington, KY, March 1999
34. Cardiac Rehabilitation. University of Kentucky, Department of Physical Medicine and Rehabilitation, Lexington, KY, July 1999
35. Senior Board Review Course. University of Kentucky, Department of Physical Medicine and Rehabilitation, Lexington, KY, September 1999 thru April 2000
36. Functional Electrical Stimulation. University of Kentucky, Department of Physical Medicine and Rehabilitation, Lexington, KY, August 1999
37. Pulmonary Rehabilitation. University of Kentucky, Department of Physical Medicine and Rehabilitation, Lexington, KY, September, 1999
38. Upper Extremity Injections. University of Kentucky, Department of Physical Medicine and Rehabilitation, Lexington, KY, October, 1999
39. Lower Limb Nerve Conduction Studies. University of Kentucky, Department of Physical Medicine and Rehabilitation, Resident EMG Class, Lexington, KY, October, 1999
40. Introduction to Needle EMG. University of Kentucky, Department of Physical Medicine and Rehabilitation, Resident EMG Class, Lexington, KY, November, 1999
41. Upper and Lower Extremity Screening EMG. University of Kentucky, Department of Physical Medicine and Rehabilitation, Resident EMG Class, Lexington, KY, December, 1999
42. Ulnar Nerve Studies. University of Kentucky, Department of Physical Medicine and Rehabilitation, Resident EMG Class, Lexington, KY, February 2000
43. Repetitive Nerve Stimulation. University of Kentucky, Department of Physical Medicine and Rehabilitation, Resident EMG Class Lexington, KY, March 2000
44. Facial Nerve Studies and Blink Responses. University of Kentucky, Department of Physical Medicine and Rehabilitation, Resident EMG Class Lexington, KY, March 2000
45. Senior Board Review Course. University of Kentucky, Department of Physical Medicine and Rehabilitation, Lexington, KY, July 2000 thru March 2001
46. Research Principles in Rehabilitation Medicine, Department of Physical Medicine and Rehabilitation, Lexington, KY, July 14, 2000
47. Deconditioning, Conditioning and Therapeutic Exercise. Department of Physical Medicine and Rehabilitation, Lexington, KY, August 18, 2000
48. Clinical Evaluation and Treatment of Common Shoulder Disorders. Department of Physical Medicine and Rehabilitation, Lexington, KY, October 10, 2000
49. Lower Limb Nerve Conduction Studies. University of Kentucky, Department of Physical Medicine and Rehabilitation, Resident EMG Class, Lexington, KY, October, 2000
50. Introduction to Needle EMG. University of Kentucky, Department of Physical Medicine and Rehabilitation, Resident EMG Class, Lexington, KY, November, 2000

51. Upper and Lower Extremity Screening EMG. University of Kentucky, Department of Physical Medicine and Rehabilitation, Resident EMG Class, Lexington, KY, December, 2000
52. Ulnar Nerve Studies. University of Kentucky, Department of Physical Medicine and Rehabilitation, Resident EMG Class, Lexington, KY, February 2001
53. NMJ: Physical and Repetitive Stimulation. University of Kentucky, Department of Physical Medicine and Rehabilitation, Resident EMG Class, Lexington, KY, March 2001
54. Amyotrophic Lateral Sclerosis. University of Kentucky, Department of Physical Medicine and Rehabilitation, Lexington, KY, February 2001
55. Motor Neuron Diseases. University of Kentucky, Department of Physical Medicine and Rehabilitation, Lexington, KY, February 2001
56. Polymyositis. University of Kentucky, Department of Physical Medicine and Rehabilitation, Lexington, KY, March 2001
57. Myopathies. University of Kentucky, Department of Physical Medicine and Rehabilitation, Resident EMG Class, Lexington, KY, March 2001
58. Facial Nerve Studies and Blink Responses. University of Kentucky, Department of Physical Medicine and Rehabilitation, Resident EMG Class Lexington, KY, March 2001
59. Myasthenia Gravis. University of Kentucky, Department of Physical Medicine and Rehabilitation, Lexington, KY, March 2001
60. Neuromuscular Junction Pathology. University of Kentucky, Department of Physical Medicine and Rehabilitation, Lexington, KY, March 2001
61. Traumatic versus Atraumatic Spinal Cord Injury. University of Michigan, Department of Physical Medicine and Rehabilitation, Ann Arbor, MI, April 11, 2002.
62. Somatic Nervous System Disruption with Spinal Cord Injury. University of Michigan, Department of Physical Medicine and Rehabilitation, Ann Arbor, MI, April 25, 2002.
63. Autonomic Nervous System Disruption with Spinal Cord Injury. University of Michigan, Department of Physical Medicine and Rehabilitation, Ann Arbor, MI, April 25, 2002.
64. Implementing the "Revised 2000 ASIA International Standards for Neurological Classification of Spinal Cord Injury" into Clinical Practice. University of Michigan Department of Physical Medicine & Rehabilitation, Ann Arbor, MI, July 19, 2002.
65. Acute Management of Spinal Cord Injuries. University of Michigan Department of Physical Medicine & Rehabilitation, Ann Arbor, MI, December 5, 2002.
66. Exercise Physiology. University of Michigan Department of Physical Medicine & Rehabilitation, Ann Arbor, MI, December 12, 2002.
67. Deconditioning. University of Michigan Department of Physical Medicine & Rehabilitation, Ann Arbor, MI, December 12, 2002.
68. Exercise Screening in Spinal Cord Injury. Advanced Rehabilitation Research Training Program Seminar Series, U Michigan Dept. PM&R, Ann Arbor, MI, March 2003.
69. The Heart of Cardiac Rehabilitation. University of Michigan Department of Physical Medicine & Rehabilitation, Ann Arbor, MI, June 12, 2003.
70. Essentials of Pulmonary Rehabilitation. University of Michigan Department of Physical Medicine & Rehabilitation, Ann Arbor, MI, June 12, 2003.
71. Autonomic Function after SCI. University of Michigan Department of Physical Medicine & Rehabilitation, Ann Arbor, MI, August 7, 2003.
72. DVT/PE Prophylaxis and treatment options in SCI. University of Michigan Department of Physical Medicine & Rehabilitation, Ann Arbor, MI, August 21, 2003.
73. Pressure Sore Prophylaxis and Treatment in SCI. University of Michigan Department of Physical Medicine & Rehabilitation, Ann Arbor, MI, August 21, 2003.
74. University of Michigan Model SCI Care System. University of Michigan PM&R OT/PT Services, Ann Arbor, MI, August 18, 2003.

75. Technology for Function and Health in SCI. University of Michigan Department of Physical Medicine & Rehabilitation, Ann Arbor, MI, August 28, 2003.
76. Spinal Cord Injury Research Update. University of Michigan Department of Physical Medicine & Rehabilitation, Ann Arbor, MI, September 8, 2003.
77. Exercise Responses to Functional Electrical Stimulation in Spinal Cord Injury. University of Michigan Department of Physical Medicine & Rehabilitation, Ann Arbor, MI, March 18, 2004.
78. Cardiac Rehabilitation. University of Michigan Department of Physical Medicine & Rehabilitation, Ann Arbor, MI, March 25, 2004.
79. Pulmonary Rehabilitation. University of Michigan Department of Physical Medicine & Rehabilitation, Ann Arbor, MI, March 25, 2004.
80. SCI Research at U Michigan. Outpatient PT, University of Michigan Department of Physical Medicine & Rehabilitation, Ann Arbor, MI, March 25, 2004.
81. Obesity in Spinal Cord Injury. PM&R Grand Rounds. University of Michigan Department of Physical Medicine & Rehabilitation, Ann Arbor, MI, July 22, 2004.
82. Pathophysiology of Spinal Cord Injury. University of Michigan Department of Physical Medicine & Rehabilitation, Ann Arbor, MI, July 22, 2004.
83. Acute Management of Spinal Cord Injury. University of Michigan Department of Physical Medicine & Rehabilitation, Ann Arbor, MI, July 22, 2004.
84. Cardiovascular Consequences of Spinal Cord Injury. University of Michigan Department of Physical Medicine & Rehabilitation, Ann Arbor, MI, July 29, 2004.
85. Pulmonary Dysfunction in Spinal Cord Injury. University of Michigan Department of Physical Medicine & Rehabilitation, Ann Arbor, MI, July 29, 2004.
86. Autonomic Dysfunction in Spinal Cord Injury. University of Michigan Department of Physical Medicine & Rehabilitation, Ann Arbor, MI, August 2, 2004.
87. Translational Research in Spinal Cord Injury: From Bench to Bedside. University of Michigan Model Spinal Cord Injury Care System Lecture Series. September 30, 2004.

COMMITTEE AND ADMINISTRATIVE SERVICE

National

1998 - Present	Faculty Member, Research Enrichment Program for Physiatrists, Missouri Arthritis Rehabilitation Research and Training Center: NIDRR, St. Louis, Missouri
1999	Member, Awards Committee, American Congress of Rehabilitation Medicine
1999 - Present	Member, Rehabilitation Research, Education and Training Committee, American Congress of Rehabilitation Medicine
June, 2000	Session Chair, Clinical Advances in the Management of Spinal Cord Injury and Head Trauma, 6th Annual Kentucky Spinal Cord and Head Injury Research Symposium
September, 2001	Director, Advances in Neurorehabilitation Research Symposium, U Kentucky & Cardinal Hill Rehabilitation Hospital
2002 - 2005	Member, Membership Committee, American Paraplegia Society
2002 - 2005	Member, Research Committee, Association of Academic Physiatrists
2002 - 2005	Member, Research Committee, American Spinal Injury Association

Regional and Local

1995 - 1996	Member, Resident Medical Staff Committee, UC Davis Medical Center, Sacramento, CA
June, 1996	Camp Physician, Muscular Dystrophy Association Regional Summer Camp, Sacramento, California
Summer, 1996	Volunteer Camp Physician, Malibu Young Life, Vancouver, British Columbia, Canada
1996 - 2001	Young Life Ministries Camp Physicals, Lexington, Kentucky
1996 - 2001	Young Life Ministries Leadership Training, Lexington, Kentucky
1997 - 2001	Team Physician, Kentucky WheelCats, Lexington, Kentucky
1997 - 2001	Medical Director, Exercise Physiology Laboratory, Kinesiology and Health Promotions, Seaton Center, University of Kentucky, Lexington, Kentucky
1997 - 2001	Member, Board of Directors, Kentucky WheelCats Incorporated, Lexington, Kentucky
1998 - 2001	Coordinator, Spinal Cord Injury Clinical Research Committee, University of Kentucky, Lexington, Kentucky 2000 – Present President, Kentucky Academy of Physical Medicine & Rehabilitation
1998 - 2001	Member, Research and Development Committee, Veterans Affairs Medical Center, Lexington, Kentucky
1999 - 2001	Alternate, Institutional Review Committee, U of Kentucky, Lexington, KY
1999 - 2001	Member, Steering Committee for Ph.D. Program in Exercise and Sport Sciences, Department of Kinesiology & Health Promotions, University of Kentucky, Lexington, Kentucky
2000 - 2001	Chair, Neurorehabilitation Symposium Planning Committee
2000 - 2001	Co-Chair, Search Committee for Endowed Chair of Neurorehabilitation Research, Spinal Cord Injury Clinical Research and Traumatic Brain Injury Clinical Research
2000 - 2001	Member, Cardinal Hill Rehabilitation Hospital Research Committee
2002 - Present	Mentor, NIDRR Advanced Rehabilitation Research Training Program, University of Michigan Department of PM&R
2002 - Present	Mentor, NRSA /T32 Program, University of Michigan Medical Rehabilitation Research Training Program
2002 - Present	Chairman, UMMSCICS Interdepartmental Acute Spinal Cord Injury Program (IASCIP)
2002 - Present	Chairman, UMMSCICS Spinal Cord Injury Rehabilitation Program Group (SCIRPG)
2002 - Present	Member, Center for the Advancement of Clinical Research (CACR) Advisory Committee
2003 – Present	Member, Board of Directors, Ann Arbor Center for Independent Living

Departmental

1996 - 2001	Chairman, Research Committee, Physical Medicine and Rehabilitation, University of Kentucky, Lexington, Kentucky
1997 - 2001	Member, Education Committee, Physical Medicine and Rehabilitation, University of Kentucky, Lexington, Kentucky
1997 – 2001	Member, Resident Recruitment Committee, Physical Medicine and Rehabilitation, University of Kentucky, Lexington, KY
June, 1998	Director, PM&R Research Day, University of Kentucky, Lexington, Kentucky

1998 - 2001	Director of Research, Department of Physical Medicine and Rehabilitation, University of Kentucky, Lexington, Kentucky
June, 1999	Director, PM&R Research Day, University of Kentucky, Lexington, Kentucky
June, 2000	Director, PM&R Research Day, University of Kentucky, Lexington, Kentucky
2002 – Present	Member, Research Advisory Committee, PM&R, U Michigan, Ann Arbor, MI
2002 – Present	Member, Residency Recruitment Committee, PM&R, U Michigan, Ann Arbor, MI

BIBLIOGRAPHY

Peer Reviewed Publications

1. Howard JD, Ritchie MR, Gater DA, Gater DR, Enoka RM. Determining Factors of Strength: Physiological Foundations. National Strength and Conditioning Association Journal, 1986, 7(6):16-22.
2. Holloway JB, Gater DA, Ritchie M, Gater DR, Todd J, Gilstrap L, Kontor K, Todd T, Hillman S, Stone MH, Garhammer J, Kraemer W. Strength Training for the Female Athlete: A Position Paper - Part I. National Strength and Conditioning Association Journal, 1989, 11(5):43-55.
3. Gater, DR. Dissertation: The Effects of Arginine/Lysine Supplementation and Resistance Training on Glucose Tolerance and Glomerular Filtration Rate: Relationship with Alterations in Selected Hormonal Parameters. Department of Physiology, University of Arizona, 1991, 1-152.
4. Gater DR, Gater DA, Uribe JM, Bunt JC. Impact of Nutritional Supplements and Resistance Training on Body Composition, Strength, and Insulin-like Growth Factor-1. Journal of Applied Sport Science Research, 1992, 6(2):66-76.
5. Gater DR, Gater DA, Uribe JM, Bunt JC. Effects of Arginine/Lysine Supplementation and Resistance Training on Glucose Tolerance. Journal of Applied Physiology, 1992, 72(4):1279-1284.
6. Ugalde V, Litwiller SE, Gater DR: Physiatric Anatomic Principles, Bladder and Bowel Anatomy for the Physiatrist. Physical Medicine and Rehabilitation State of the Art Reviews, 1996, 10:547-568.
7. Hoenig H, Gater DR, Galbraith J. Rapid assessment of rehabilitation options for functional disability. Cleveland Clinic Journal of Medicine, 67(5):361-371, 2000.
8. Gater DR, McDowell SM, Abbas JJ. Electrical Stimulation: A Societal Perspective. Assistive Technology, 12:85-91, 2000.
9. Bellow JW, Yates JW, Gater DR: The Initial Effects of Low Volume Strength Training on Balance in Untrained Older Men and Women. Journal of Strength and Conditioning Research. 17(1):121-128, 2003.
10. Symons TB, Clasey JL, Gater DR, Yates JW. The Effects of Deep Heat as a Preventive Mechanism on Delayed Onset Muscle Soreness. Journal of Strength and Conditioning Research 18(1):155-161, 2004.
11. Musick DM, Nickerson RB, McDowell SM, Gater DR. An Exploratory Examination of an Academic PM&R Consultation Service." Disability and Rehabilitation. 25 (7): 354-359, 2003.
12. Curtin CM, Chung KC, Gater DR. Autonomic Dysreflexia: A Pressing Problem. Annals of Plastic Surgery. 51:325-329, 2003.
13. Wagner AK, Boninger ML, Levy C, Chan L, Gater DR, Kirby RL. Peer Review: Issues in Physical Medicine and Rehabilitation. Am J PM&R. 82(10):791-801, 2003.

14. Bellew JW, Yates JW, Gater DR, Clasey JL. Explosive Force Production in Older Adults Following a Traditional Resistance Training Program. *J of Geriatric Physical Therapy* 26(3):9-13, 2003.
15. Clasey JL, Janowiak AL, Gater DR. Regional Bone Density Measurements and the Time Since Injury in Adults with Spinal Cord Injuries. *Arch PM&R* 85(1): 59-64, 2004.
16. Clasey JL, Mize CB, Janowiak AL, Winsor CE, Gater DG. Body Composition by Hydrostatic Weighing and Air Displacement Plethysmography in Adults with Spinal Cord Injuries. *J Applied Physiology*. Submitted.
17. Page SJ, Bach y Rita P, Gater DR. Reconsidering the Motor Recovery Plateau in Stroke Rehabilitation. *Am J PM&R*. Accepted.
18. Warschausky S, Dixon P, Forchheimer M, Nelson VS, Park C, Gater D, Tate D. Quality of Life in Persons with Long-term Mechanical Ventilation or Tetraplegic SCI without LTMV. *Topics in Spinal Cord Injury Rehabilitation*. Accepted.
19. Creasey GH, Ho CH, Triolo RJ, DiMarco AF, Bogie KM, Gater DR. Electrical Stimulation after Spinal Cord Injury. *J Spinal Cord Injury Medicine*. Submitted.
20. McCrory JL, Harrison AL, Gater DR, Clasey JL. Post-Menopausal Osteoporosis and Primary Osteoarthritis: A Comparison of Biomechanical and Body Composition Factors. *Clinical Biomechanics*. Submitted.

Chapters in Books

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